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**Input Format of the E. Taillard Job Shop Scheduling Instances**

We have two files, one contains processing times and the other contains machines ids.

The problem instance files with the processing times have the following format (all numbers are integers, all intra-line separators are spaces):

* **One line for each job:**

Each number represents the total time needed for the operation on that position of the line to be completed.

For example, if there were 3 jobs each with 3 operations then the following:

13 14 90

10 77 18

means that the first operations of the first job takes 13 units of time to be processed, the second operation of the first job takes 14 units of time to be processed, the third operation of the second job takes 18 units of time to be processed.

The problem instance files with the machines ids have the following format (all numbers are integers, all intra-line separators are spaces):

* **One line for each job:**

Each number represents the id of the machine where the operation in that position of the line a is going to be processed.

For example, if there were 3 jobs, each with 3 operations and 2 machines then the following:

1 1 2

2 1 2

means that the first operation of the first job will be processed on machine 1, the second operation of the first job will be processed on machine 1 as well, the third operation of the second job will be processed on machine 2.